

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ZOOM LENS DRIVE SYSTEM FOR LENS SHUTTER TYPE OF CAMERA

(the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No. _____

on _____

and was amended

on _____ (if applicable).

☐ was filed as PCT international application

Number PCT/JP87/00292

on May 12, 1987

and was amended under PCT Article 19

on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Japan	61-108278	May 12, 1986	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	61-143964	September 19, 1986	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	61-181723	November 26, 1986	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	62-15853	February 5, 1987	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PCT	JP87/00292	May 12, 1987	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Donald M. SANDLER, Reg. No. 19,237

Neil F. GREENBLUM, Reg. No. 28,394

Bruce H. BERNSTEIN, Reg. No. 29,027

Send Correspondence to:

SANDLER & GREENBLUM
2920 South Glebe Road
Arlington, VA. 22206

Direct Telephone Calls to:
(name and telephone number)

(703)-739-0333

201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		HARAGUCHI	Keisuke	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Tokyo	Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS: c/o Asahi Kogaku Kogyo Kabushiki Kaisha 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo 174, Japan		
202	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		KOHMOTO	Shinsuke	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Tokyo	Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS: c/o Asahi Kogaku Kogyo Kabushiki Kaisha 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo 174, Japan		
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		KOBAYASHI	Takeo	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Tokyo	Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS: c/o Asahi Kogaku Kogyo Kabushiki Kaisha 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo 174, Japan		
204	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		KONDOH	Shigeru	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Tokyo	Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS: c/o Asahi Kogaku Kogyo Kabushiki Kaisha 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo 174, Japan		
205	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
		OHKUBO	Hideki	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		Tokyo	Japan	Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS: c/o Asahi Kogaku Kogyo Kabushiki Kaisha 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo 174, Japan		

206	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
		NUMAKO	Norio	
		Tokyo	Japan	Japan
		5/o Asahi Kogyo Kabushiki Kaisha 36-9, Maenochi	2-chome, Itabashi-ku, Tokyo 174, Japan	
207	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
		SUGAWARA	Saburo	
		Tokyo	Japan	Japan
		5/o Asahi Kogyo Kabushiki Kaisha 36-9, Maenochi	2-chome, Itabashi-ku, Tokyo 174, Japan	
208	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
209	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
210	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
<i>Keisuke Haseguchi</i>	<i>Shinichi Kohmoto</i>	<i>Takao Kobayashi</i>
DATE	DATE	DATE
5.12.1987	5.12.1987	5.12.1987
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
<i>Konosuke Higashi</i>	<i>Shinichi Ohtsuka</i>	<i>Norio Numata</i>
DATE	DATE	DATE
5.12.1987	5.12.1987	5.12.1987
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	SIGNATURE OF INVENTOR 209
<i>Saburo Sugawara</i>		
DATE	DATE	DATE
5.12.1987		
SIGNATURE OF INVENTOR 210	SIGNATURE OF INVENTOR 211	SIGNATURE OF INVENTOR 212
DATE	DATE	DATE